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Architecture 100

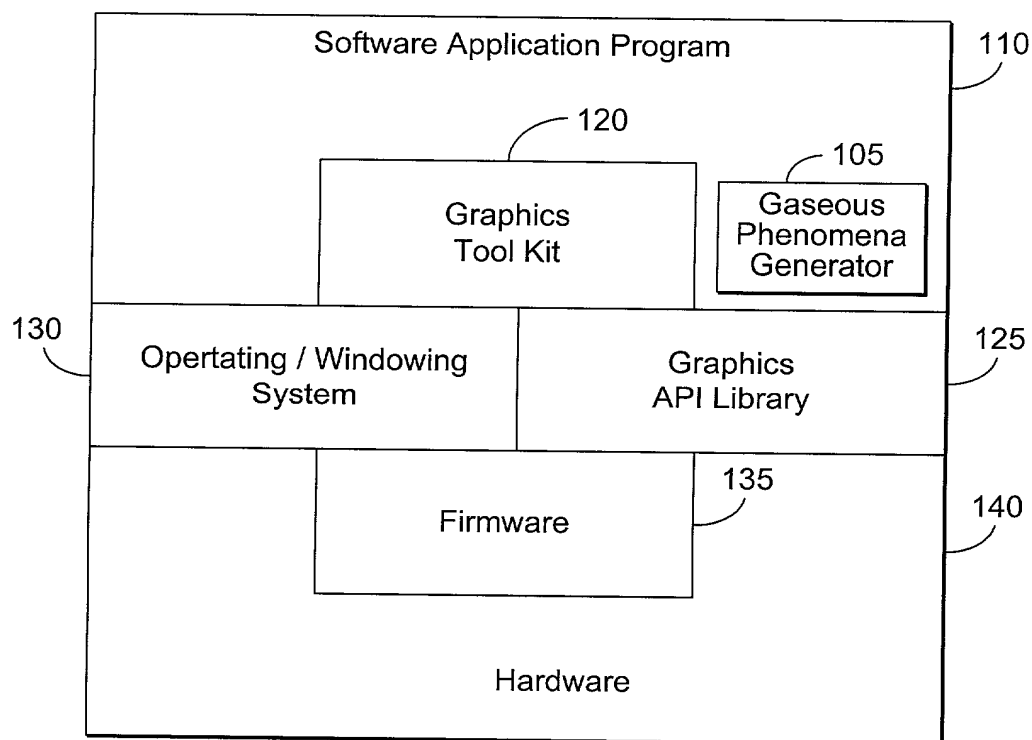
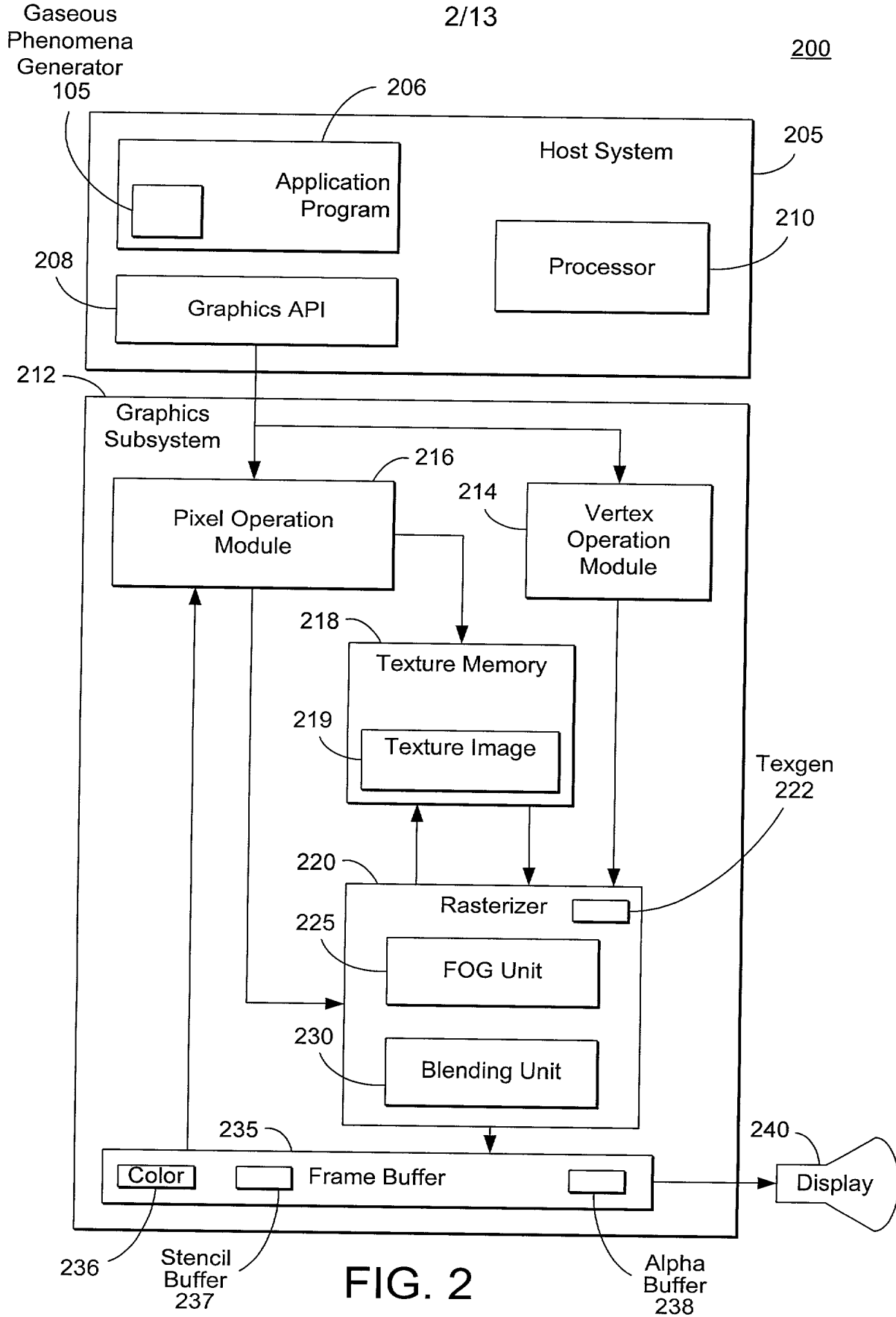


FIG. 1



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Computer System 300

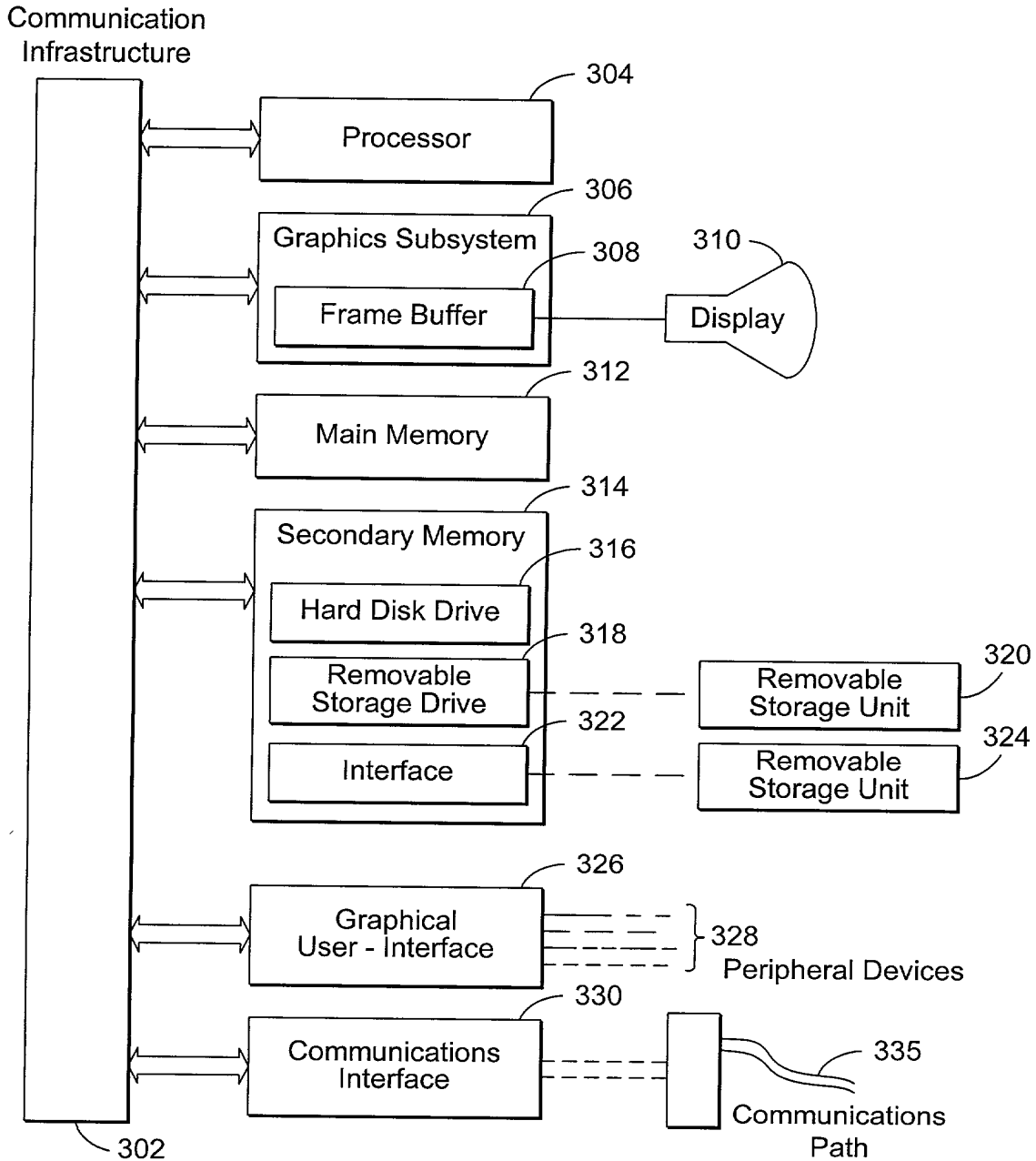


FIG. 3

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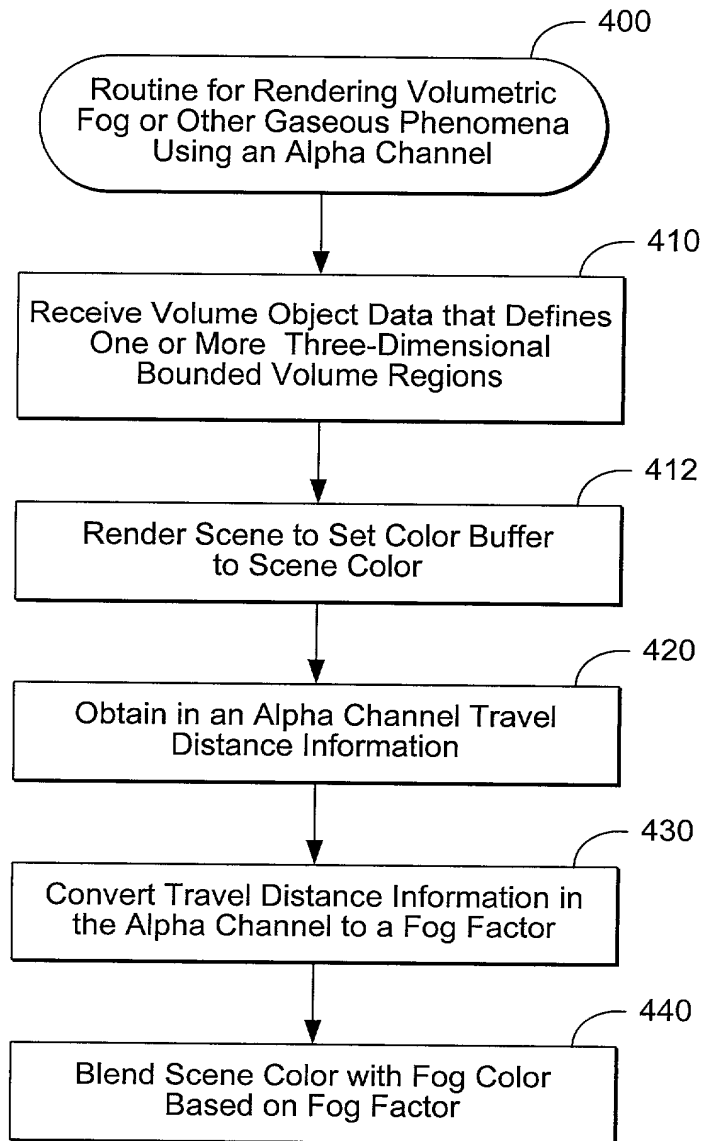


FIG. 4

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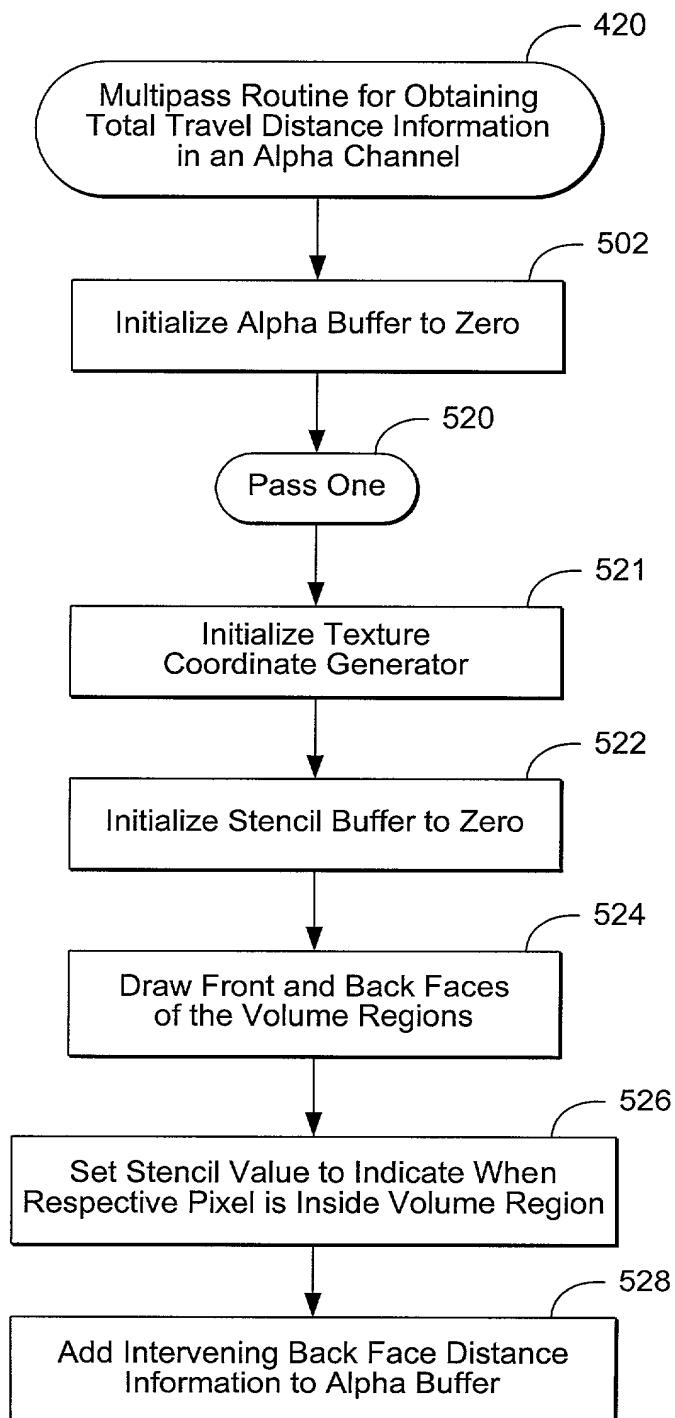


FIG. 5A

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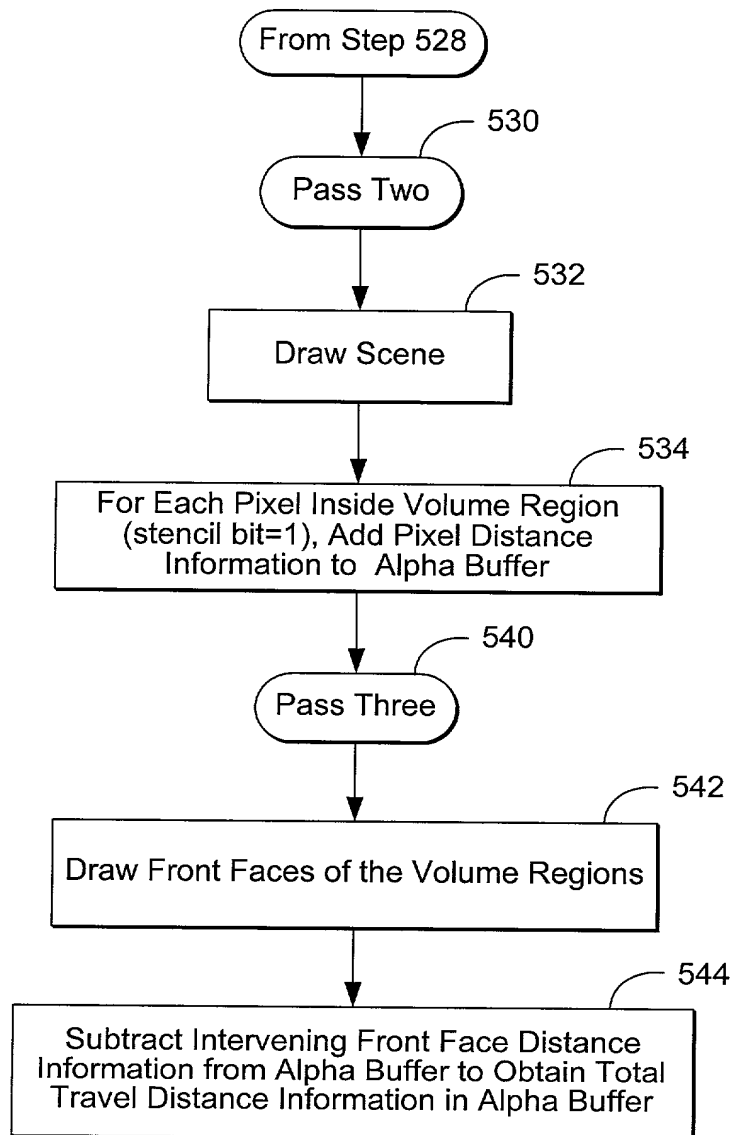


FIG. 5B

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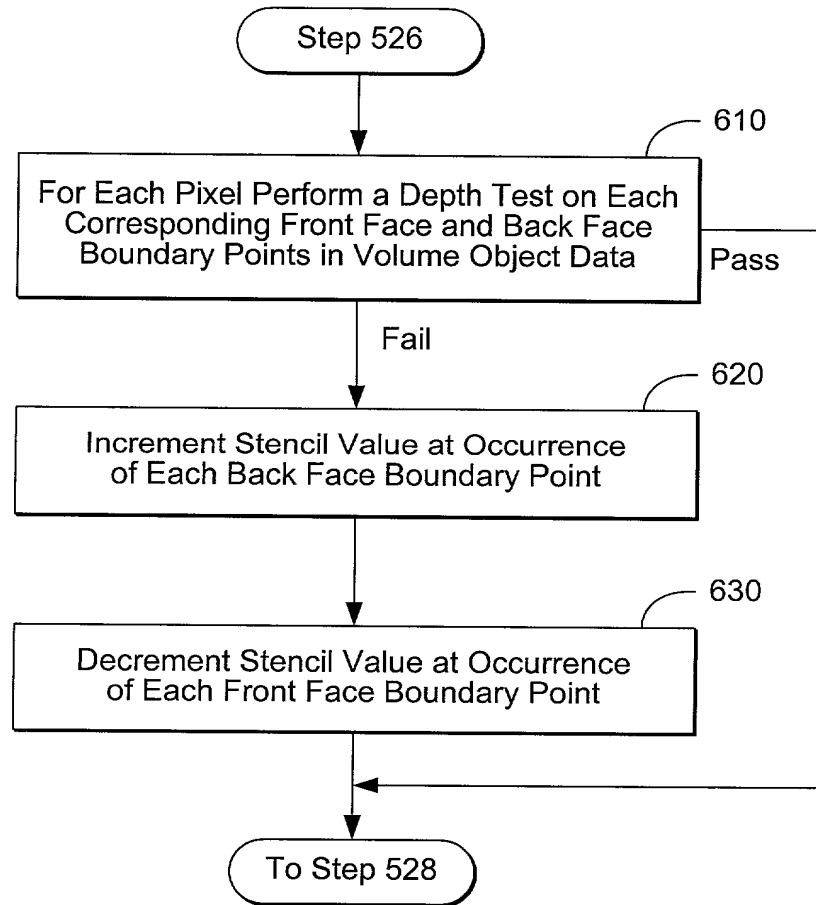


FIG. 6

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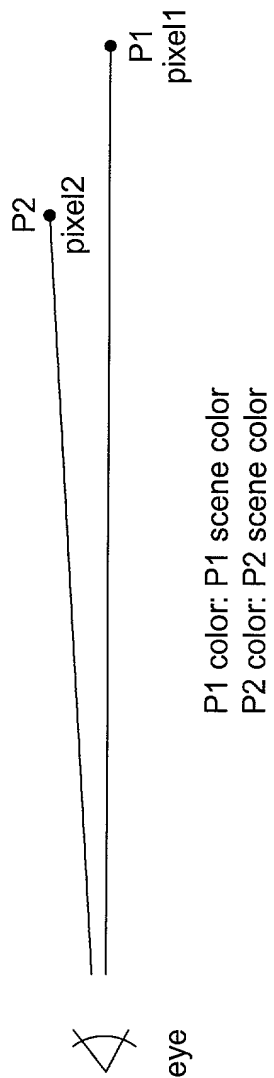


FIG. 7A

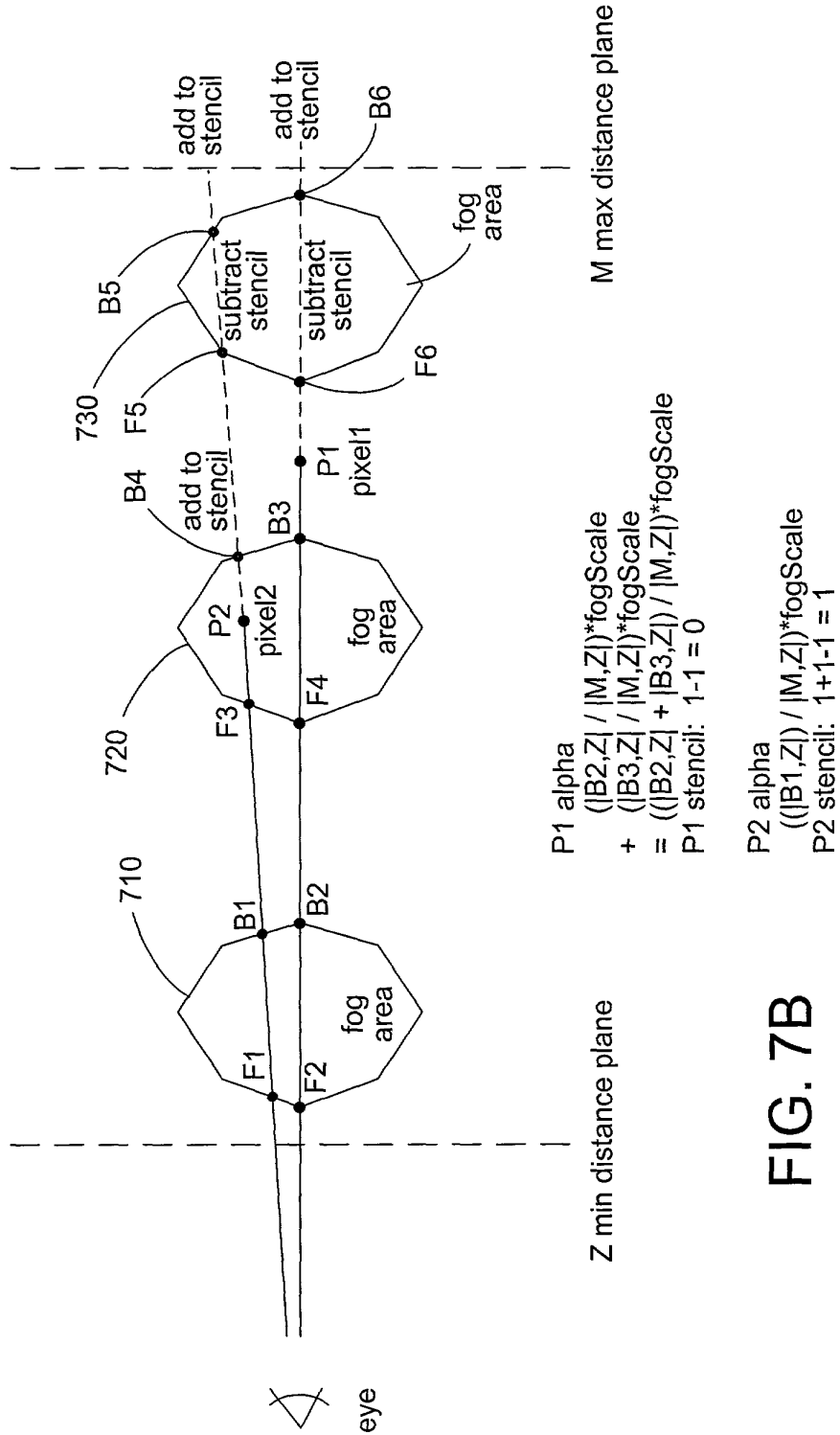
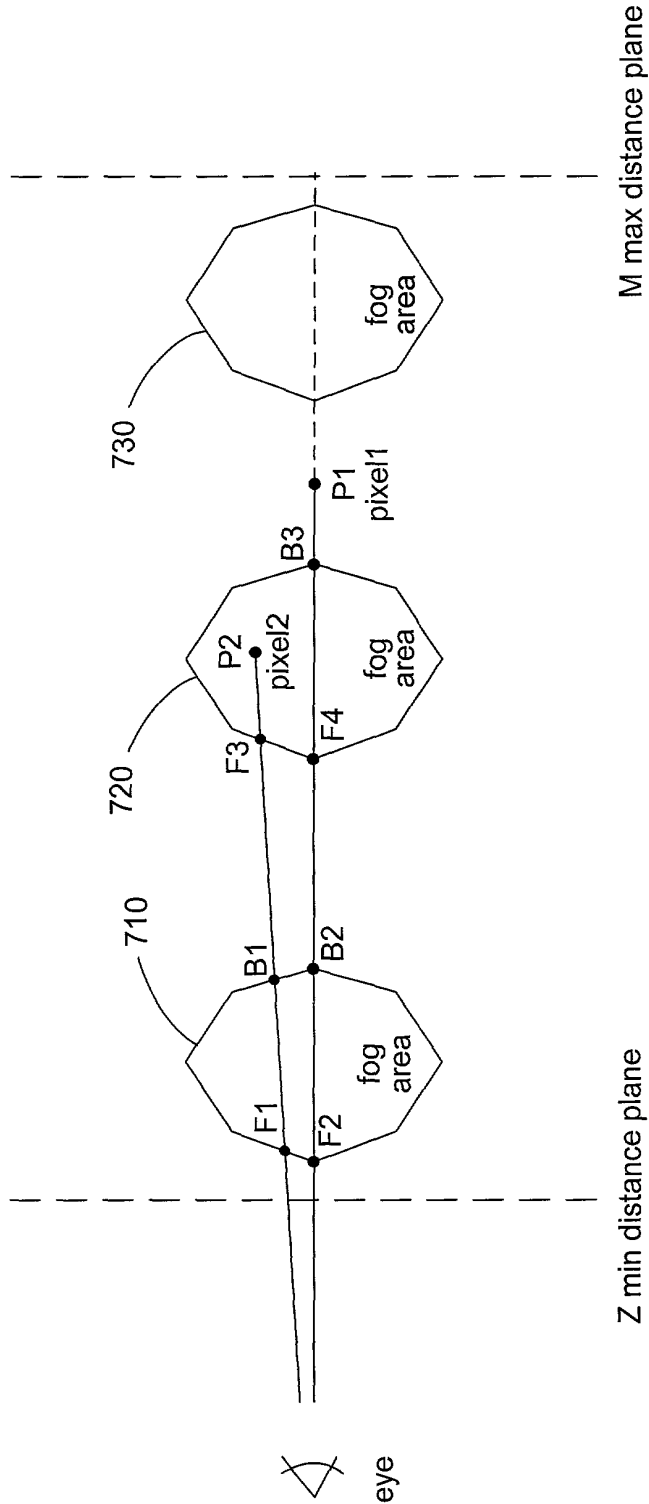


FIG. 7B



P1 alpha : not changed, stencil 0
 $= ((|B2,Z| + |B3,Z|) / |M,Z|) * fogScale$

P2 alpha : changed, due to stencil 1
 $P2\ alpha = ((|P2,Z| / |M,Z|) * fogScale + ((|B1,Z| + |P2,Z|) / |M,Z|) * fogScale$

FIG. 7C

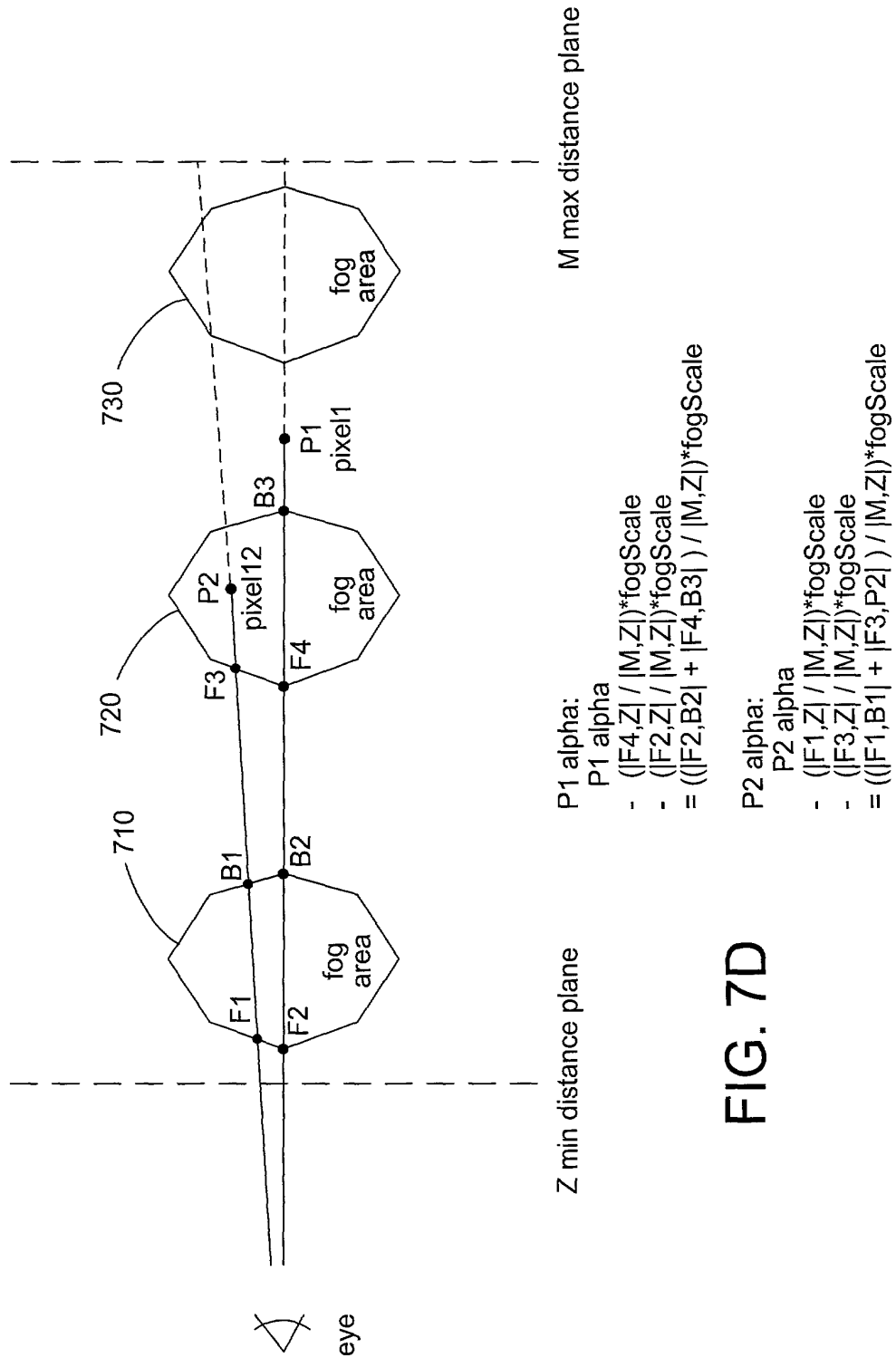
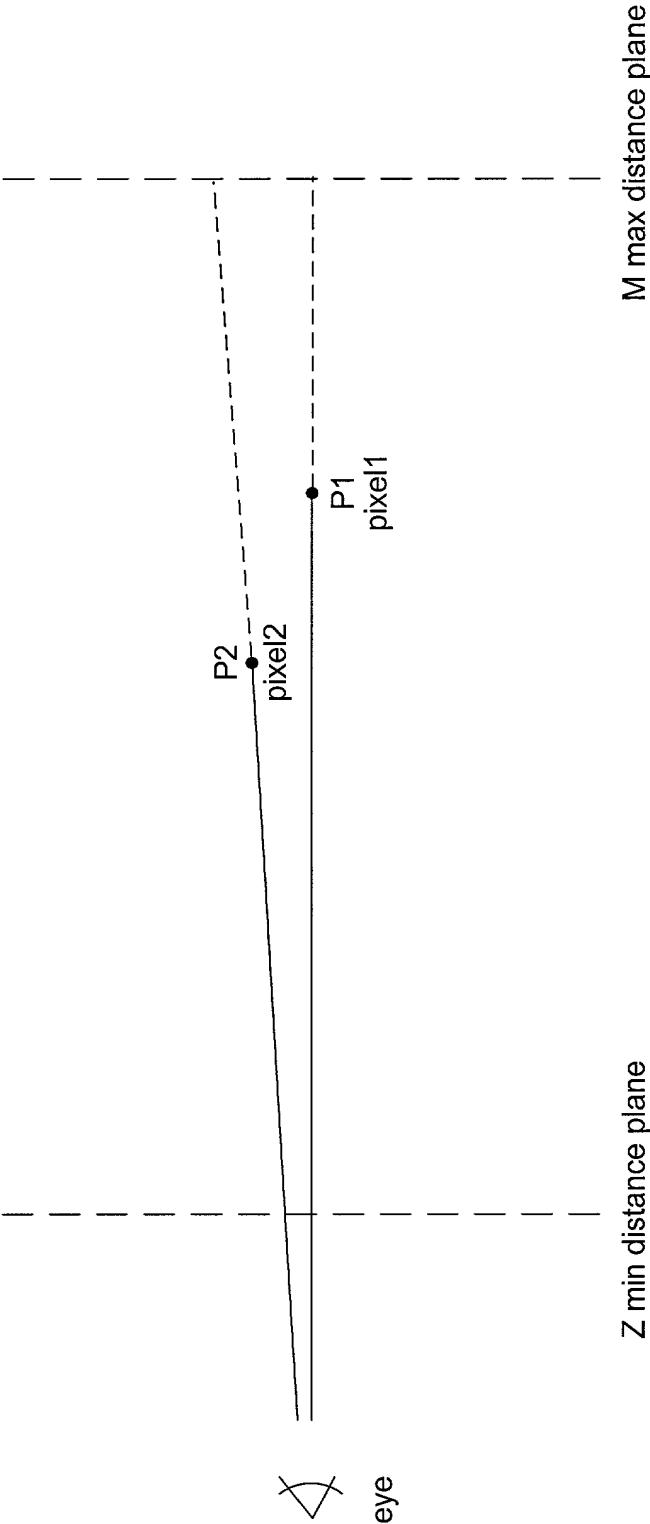


FIG. 7D



Fog Factor { P1 alpha: $P1 \text{ alpha} * (\text{fogDensity}/\text{fogScale}) * |M, Z|$
P2 alpha: $P2 \text{ alpha} * (\text{fogDensity}/\text{fogScale}) * |M, Z|$
(linear fog)

or

Fog Factor { P1 alpha: $\text{pixelmap}[(P1 \text{ alpha}/\text{fogScale}) * |M, Z|]$
P2 alpha: $\text{pixelmap}[(P2 \text{ alpha}/\text{fogScale}) * |M, Z|]$
(exp or exp2 fog)

FIG. 7E

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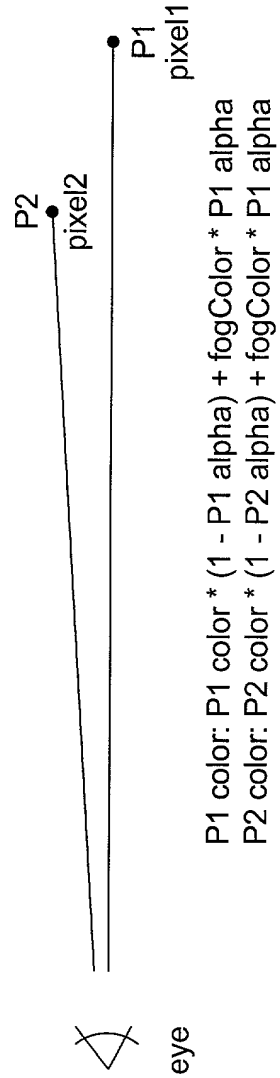


FIG. 7F